



A 12-tonne single-drum vibratory roller combining high-frequency dual-amplitude compaction, 65% gradeability, reinforced drive components and a Cummins powertrain.

12,400 kg
Operating mass

33.2 kg/cm
Static linear load

93 kW
Rated power

65%
Gradeability

TECHNICAL DATA

MASSES

Operating mass	kg	12,400
Load on vibrating drum	kg	6,950
Load on driving axle	kg	5,450
Static linear load	kg/cm	33.2

ENGINE

Manufacturer	-	Cummins
Model	-	QSB3.9-C125-30
Rated power	kW	93
Emission standard	-	Euro III

COMPACTION

Vibration frequency	Hz	32 / 36
Nominal amplitude	mm	1.8 / 0.9
Centrifugal force	kN	280 / 178
Drum diameter	mm	1,500
Drum width	mm	2,130
Drum rim thickness	mm	25

MANEUVERABILITY

Steering angle	deg	+/-35
Swing angle	deg	+/-12
Minimum turning outer diameter	mm	11,700
Tyre specification	-	23.1-26

TRAVEL AND PERFORMANCE

Travel speed - range 1	km/h	0-4
Travel speed - range 2	km/h	0-5
Travel speed - range 3	km/h	0-7
Travel speed - range 4	km/h	0-12
Theoretical gradeability	%	65
Ground clearance	mm	480
Wheelbase	mm	2,868

ELECTRICAL SYSTEM

Battery	V x Ah	24 x 120
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CAPACITIES

Fuel tank	L	250
Hydraulic oil tank	L	100

CONFIGURATION AND SERVICEABILITY

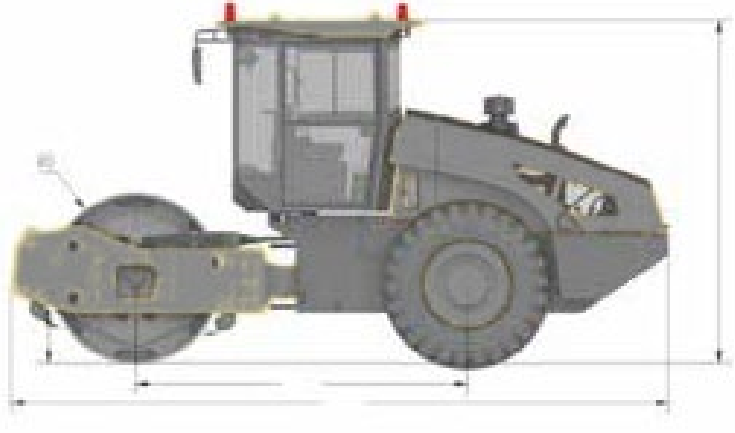
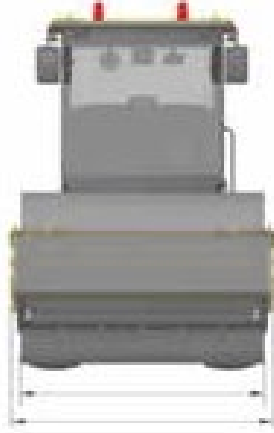
STANDARD MACHINE SYSTEMS

QSB3.9-C125-30 Euro III engine	•
Smooth vibratory drum	•
Enclosed cab with air conditioning	•
Rear axle without differential lock	•
Standard flotation tyres - quincunx tread	•
Electronic anti-skid system	•
Reversing camera	•
Dual-frequency, dual-amplitude vibration	•
Four speed Traction control	•

OPTIONAL EQUIPMENT

Removable combined padfoot shell	○
Welded padfoot drum	○
Open canopy without air conditioning	○
Rear axle with differential lock	○
Tractor tyres - herringbone tread	○
Thickened flotation tyres	○
Intelligent rolling system	○
Manual parking-brake release	○

DIMENSIONS



Overall length	5,775 mm
Overall width	2,285 mm
Overall height	3,225 mm
Wheelbase	2,868 mm
Drum diameter	1,500 mm
Drum width	2,130 mm
Ground clearance	480 mm

MACHINE SYSTEMS AND APPLICATIONS

Efficient compaction	280 kN maximum centrifugal force, 32/36 Hz vibration frequency and amplitude uniformity below 7% support fast, even compaction.
Strong gradeability	Optimised front/rear drive and mass distribution, a reinforced rear axle and independently adjustable drum and tyre drive support up to 65% gradeability.
Operator environment	FOPS/ROPS-certified cab, panoramic windscreen, low in-cab noise, ergonomic controls and high-capacity air conditioning improve comfort and visibility.
Durable vibration system	Reinforced four-point support, waterwheel lubrication for vibration bearings and eight drum damping blocks are designed for long service life.
Service access	Outward-facing filters, a one-piece cover opening to 61 degrees and low-level service points simplify routine maintenance.